



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

October 14, 2021
Subject: Interstate 295/US Route 1
Northbound & Southbound Bridge
Replacements & Multiuse Path
State WINs: 023106.01 & 023825.00
Location: **Yarmouth**
Amendment No. 1

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE pages 17-32, Proposal of Schedule of Items, 16 pages, dated 9/7/2021, and **REPLACE** with the attached, revised Proposal of Schedule of Items, 16 pages, dated 10/4/2021.

REMOVE pages 61-64, SPECIAL PROVISION – SECTION 104 – Utilities, 4 pages, dated 9/8/2021, and **REPLACE** with the attached, revised SPECIAL PROVISION – SECTION 104 – Utilities, 4 pages, dated 9/15/2021.

In the Plan Set:

WIN 023106.01:

REMOVE SHEET NUMBER 2 OF 312, “ESTIMATED QUANTITIES” and **REPLACE** with the attached, revised SHEET NUMBER 2 OF 312, “ESTIMATED QUANTITIES”.

REMOVE SHEET NUMBER 3 OF 312, “GENERAL NOTES” and **REPLACE** with the attached, revised SHEET NUMBER 3 OF 312, “GENERAL NOTES”.

On Plan Sheets 239 and 278 of 312, Framing Plan – SB and Framing Plan – NB, respectively, please remove Note #14. Make this change in pen and ink.

WIN 023825.00

REMOVE SHEET NUMBER 2 OF 37, “ESTIMATED QUANTITIES/GENERAL NOTES” and **REPLACE** with the attached, revised SHEET NUMBER 2 OF 37, “ESTIMATED QUANTITIES/GENERAL NOTES”.

The following questions have been received:

Question: Can you provide the Geotech report?

Response: The Geotechnical Report has been uploaded to the MaineDOT web site and Bid Express.

Question: The structural steel notes specify that we can metallize the steel OR galvanize the steel. My question is may we metallize only the longer girders and double dip galvanize the shorter girders, diaphragms, splice plates, etc?

Response: No, the girders and field splice plates shall be coated in one consistent coating type, and in this case shall be metallized. The cross frames and hardware may still be galvanized as defined in the contract. See pen and ink changes to the Plan Set.

Question: Bid Item 652.33 Pay QTY is 370ea. Estimated QTYS of the three project Numbers add up to 410ea. Is the Bid Pay QTY incorrect or are the estimated QTYS incorrect?

Response: The quantity for Item 652.33 Drum is 410 EA for all three projects. The estimated quantity sheets are correct. Please see the revised Proposal of Schedule of Items dated 10/4/2021.

Question: It is unclear where delineation is between bid items 519.60 (Plug Joint) and 521.23 (Finger Joint) are located. According to the Profile sheets, SB Abutment 1 and NB Abutment 2 have plug joints; but there is also plug joint details (sheet 248 & 285) showing plug joint at both abutments. Please clarify; and if there is finger joint & plug joint at same end of bridge(s), clarify the detail of this transition/interface.

Response: Item 519.60 APJ located at SB Abut 1 and NB Abut 2. Item 521.23 Finger Joint located at SB Abut 2 and NB Abut 1. There is not an APJ and Finger Joint at the same end of the bridge.

On Sheet 248 of 312 and 285 of 312, the "Acute Corner Thickened Slab Detail" is not intended to convey details about the deck end joint but rather the reinforcing steel required in the thickened end of the deck slab. The reinforcement is similar at both acute corners of the bridge that have different joint types.

Question: On WIN 023825.00 per general construction note 1 (plan sheet 2) all clearing is incidental. On WINS 023106.00 and 023110.00 clearing and single trees are paid under their respective items 201.11 & 201.23. Since the projects abut each other would the department consider including WIN 023825.00 in the pay quantities for clearing and single trees?

Response: Remove Item 201.11 from the Contract. Clearing shall be incidental for all three projects. Item 201.23, Removing Single Tree Top Only and Item 201.24, Removing Stump quantities have been updated accordingly. Please see revised Proposal of Schedule of Items dated 10/4/2021 and revised plan sheet number 3 of 312.

Question: The schedule of items includes two pay items for Maintenance of Traffic Control Devices. 652.361 for WIN 013106.00 and 652.36 for WIN 023825.00. 652.361 is a lump sum item while 652.36 is per calendar day. Would the department consider deleting one of the pay items and making Maint of Traffic either calendar day or lump sum but not both.

Response: WIN 23825.00 Item 652.36 has been removed. Item 652.361 has been updated to include all 3 projects. Please see revised Proposal of Schedule of Items dated 10/4/2021 and revised plan sheet number 2 of 27.

Question: Sheet 2 of 312 of the larger of the two plan sets is entitled Estimated Quantities. Included in the estimated quantities listed are the following Item Numbers.

626.421 (Qty. 7 LF) 24 Inch Diameter Foundation

626.36 (Qty 1 EA) Remove or Modify Concrete Foundation

634.160 (Qty. 1 LS) Highway Lighting

We find no indication of where this work is shown on any of the drawings that make up this plan set. Please advise.

Response: Items 626.36 Remove or Modify Concrete Foundation, 626.421 24 Inch Diameter Foundation, and 634.160 Highway Lighting refer to the lighting being removed and reset along the southbound on ramp at Station 119+54 LT (shown and called out on plan sheet 7 and cross section sheet 126).

Question: Is Reinforcing Steel for Barrier items (526 Pay Items) required to be black or stainless?

Response: All Reinforcing Steel on the project shall be stainless steel.

Consider these changes and information prior to submitting your bid on **October 20, 2021**.

Sincerely,



George M. A. Macdougall P.E.
Contracts & Specifications Engineer

10/4/2021

Maine Department of Transportation

Proposal Schedule of Items

Page 1 of 16

Proposal ID: 023106.01

Project(s): 023106.01, 023825.00

SECTION: 1

Yarmouth, I295 NB BR 5833 Repl, I295 SB BR 1509 Repl,
Multi Use Path

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	201.23 REMOVING SINGLE TREE TOP ONLY	4.000 EA	_____	 _____	_____	 _____
0020	201.24 REMOVING STUMP	5.000 EA	_____	 _____	_____	 _____
0030	202.13 REMOVING EXISTING RAILINGS (RETAINED BY DEPARTMENT)	1,380.000 LF	_____	 _____	_____	 _____
0040	202.15 REMOVING EXISTING MANHOLE OR CATCH BASIN	14.500 EA	_____	 _____	_____	 _____
0050	202.19 REMOVING EXISTING BRIDGE NB	LUMP SUM		 LUMP SUM	_____	 _____
0060	202.19 REMOVING EXISTING BRIDGE SB	LUMP SUM		 LUMP SUM	_____	 _____
0070	202.202 REMOVING PAVEMENT SURFACE	11,100.000 SY	_____	 _____	_____	 _____
0080	202.205 RUMBLE STRIPS - SHOULDER	10,200.000 LF	_____	 _____	_____	 _____
0090	202.207 RUMBLE STRIPS, FILL	9,200.000 LF	_____	 _____	_____	 _____
0100	203.20 COMMON EXCAVATION	27,050.000 CY	_____	 _____	_____	 _____
0110	203.24 COMMON BORROW	29,110.000 CY	_____	 _____	_____	 _____
0120	203.25 GRANULAR BORROW	2,680.000 CY	_____	 _____	_____	 _____

Maine Department of Transportation

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			Dollars	Cents	Dollars	Cents
0130	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	2,220.000 CY	_____	 _____	_____	 _____
0140	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	28,530.000 CY	_____	 _____	_____	 _____
0150	403.1021 TEXTURED ASPHALT PAVEMENT	210.000 SY	_____	 _____	_____	 _____
0160	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	3,802.000 T	_____	 _____	_____	 _____
0170	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	430.000 T	_____	 _____	_____	 _____
0180	403.211 HOT MIX ASPHALT (SHIMMING)	290.000 T	_____	 _____	_____	 _____
0190	403.213 HOT MIX ASPHALT 12.5 MM BASE	7,510.000 T	_____	 _____	_____	 _____
0200	403.2131 12.5 MM POLYMER MODIFIED HMA BASE	3,570.000 T	_____	 _____	_____	 _____
0210	409.15 BITUMINOUS TACK COAT - APPLIED	3,910.000 G	_____	 _____	_____	 _____
0220	461.131 TEMPORARY PAVEMENT	1,540.000 T	_____	 _____	_____	 _____
0230	501.231 DYNAMIC LOADING TEST	12.000 EA	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0240	501.50 STEEL H-BEAM PILES 89 LBS/FT, DELIVERED	5,240.000 LF	_____	 _____	_____	 _____
0250	501.501 STEEL H-BEAM PILES 89 LBS/FT, IN PLACE	5,240.000 LF	_____	 _____	_____	 _____
0260	501.54 STEEL H-BEAM PILES 117 LBS/FT, DELIVERED	2,470.000 LF	_____	 _____	_____	 _____
0270	501.541 STEEL H-BEAM PILES 117 LBS/FT, IN PLACE	2,470.000 LF	_____	 _____	_____	 _____
0280	501.90 PILE TIPS	189.000 EA	_____	 _____	_____	 _____
0290	501.91 PILE SPLICES	64.000 EA	_____	 _____	_____	 _____
0300	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
0310	502.219 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	LUMP SUM		 LUMP SUM	_____	 _____
0320	502.239 STRUCTURAL CONCRETE PIERS	LUMP SUM		 LUMP SUM	_____	 _____
0330	502.26 STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLABS ON STEEL BRIDGES	LUMP SUM		 LUMP SUM	_____	 _____
0340	502.31 STRUCTURAL CONCRETE APPROACH SLABS	LUMP SUM		 LUMP SUM	_____	 _____

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			Dollars	Cents	Dollars	Cents
0350	502.3412 STRUCTURAL CONCRETE, RAISED ISLAND	5.000 CY	_____	 _____	_____	 _____
0360	502.77 FIBER REINFORCED POLYMER BRIDGE DRAIN - TYPE: G	4.000 EA	_____	 _____	_____	 _____
0370	503.26 STAINLESS STEEL REINFORCEMENT - FABRICATED & DELIVERED	539,000.000 LB	_____	 _____	_____	 _____
0380	503.27 STAINLESS STEEL REINFORCEMENT - PLACING	539,000.000 LB	_____	 _____	_____	 _____
0390	504.702 STRUCTURAL STEEL FABRICATED AND DELIVERED, WELDED NB	LUMP SUM		LUMP SUM	_____	 _____
0400	504.71 STRUCTURAL STEEL ERECTION	LUMP SUM		LUMP SUM	_____	 _____
0410	505.08 SHEAR CONNECTORS	LUMP SUM		LUMP SUM	_____	 _____
0420	506.9104 THERMAL SPRAY COATING - SHOP APPLIED	LUMP SUM		LUMP SUM	_____	 _____
0430	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE	LUMP SUM		LUMP SUM	_____	 _____
0440	512.081 FRENCH DRAINS	LUMP SUM		LUMP SUM	_____	 _____
0450	513.09 SLOPE PROTECTION - PORTLAND CEMENT CONCRETE	1,160.000 SY	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0460	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES	LUMP SUM	LUMP	SUM	_____	_____
0470	519.60 EXPANSION DEVICE - ASPHALTIC PLUG JOINT	165.000 LF	_____	_____	_____	_____
0480	521.23 EXPANSION DEVICE FINGER JOINT	2.000 EA	_____	_____	_____	_____
0490	523.52 BEARING INSTALLATION	30.000 EA	_____	_____	_____	_____
0500	523.5551 POT OR DISC BEARINGS, FIXED	6.000 EA	_____	_____	_____	_____
0510	523.5552 POT OR DISC BEARINGS, EXPANSION	24.000 EA	_____	_____	_____	_____
0520	524.301 TEMPORARY STRUCTURAL SUPPORT PIER NB	LUMP SUM	LUMP	SUM	_____	_____
0530	524.301 TEMPORARY STRUCTURAL SUPPORT PIER SB	LUMP SUM	LUMP	SUM	_____	_____
0540	524.40 PROTECTIVE SHIELD NB	LUMP SUM	LUMP	SUM	_____	_____
0550	524.40 PROTECTIVE SHIELD SB	LUMP SUM	LUMP	SUM	_____	_____
0560	526.301 PORTABLE CONCRETE BARRIER TYPE I	LUMP SUM	LUMP	SUM	_____	_____

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			Dollars	Cents	Dollars	Cents
0570	526.312 PERMANENT CONCRETE BARRIER TYPE II	LUMP SUM	LUMP	SUM	_____	_____
0580	526.331 PERMANENT CONCRETE BARRIER TYPE III B MODIFIED	LUMP SUM	LUMP	SUM	_____	_____
0590	526.3402 PERM CONC TRANSITION BARRIER - MODIFIED	LUMP SUM	LUMP	SUM	_____	_____
0600	526.503 PRECAST CONCRETE PIER PROTECTION BARRIER SYSTEM	LUMP SUM	LUMP	SUM	_____	_____
0610	527.33 TRUCK MOUNTED ATTENUATOR	2.000 EA	_____	_____	_____	_____
0620	527.34 WORK ZONE CRASH CUSHIONS	8.000 UN	_____	_____	_____	_____
0630	603.1515 SLOTTED DRAIN	440.000 LF	_____	_____	_____	_____
0640	603.155 12 INCH REINFORCED CONCRETE PIPE CLASS III	90.000 LF	_____	_____	_____	_____
0650	603.159 12 INCH CULVERT PIPE OPTION III	425.000 LF	_____	_____	_____	_____
0660	603.165 15 INCH REINFORCED CONCRETE PIPE CLASS III	72.000 LF	_____	_____	_____	_____
0670	603.169 15 INCH CULVERT PIPE OPTION III	82.000 LF	_____	_____	_____	_____

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			Dollars	Cents	Dollars	Cents
0680	603.175 18 INCH REINFORCED CONCRETE PIPE CLASS III	178.000 LF	_____	 _____	_____	 _____
0690	603.179 18 INCH CULVERT PIPE OPTION III	99.000 LF	_____	 _____	_____	 _____
0700	603.195 24 INCH REINFORCED CONCRETE PIPE CLASS III	132.000 LF	_____	 _____	_____	 _____
0710	603.199 24 INCH CULVERT PIPE OPTION III	72.000 LF	_____	 _____	_____	 _____
0720	603.209 30 INCH CULVERT PIPE OPTION III	8.000 LF	_____	 _____	_____	 _____
0730	603.4105 CONCRETE PIPE COLLAR	3.000 EA	_____	 _____	_____	 _____
0740	603.55 CONCRETE PIPE TIES	3.000 GP	_____	 _____	_____	 _____
0750	604.072 CATCH BASIN TYPE A1-C	7.626 EA	_____	 _____	_____	 _____
0760	604.09 CATCH BASIN TYPE B1	6.000 EA	_____	 _____	_____	 _____
0770	604.092 CATCH BASIN TYPE B1-C	4.500 EA	_____	 _____	_____	 _____
0780	604.096 60 INCH CATCH BASIN TYPE B1-C	3.875 EA	_____	 _____	_____	 _____
0790	604.15 MANHOLE	3.000 EA	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0800	604.161 ALTERING CATCH BASIN	3.000 EA	_____	 _____	_____	 _____
0810	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	10.000 EA	_____	 _____	_____	 _____
0820	604.243 CATCH BASIN TYPE F3-C	4.000 EA	_____	 _____	_____	 _____
0830	604.245 CATCH BASIN TYPE F4-C	1.000 EA	_____	 _____	_____	 _____
0840	604.246 CATCH BASIN TYPE F5	2.000 EA	_____	 _____	_____	 _____
0850	604.247 CATCH BASIN TYPE F5-C	1.000 EA	_____	 _____	_____	 _____
0860	604.248 CATCH BASIN TYPE F6	1.000 EA	_____	 _____	_____	 _____
0870	604.249 CATCH BASIN TYPE F6-C	1.000 EA	_____	 _____	_____	 _____
0880	604.30 SPECIAL CATCH BASIN 48 INCH	2.250 EA	_____	 _____	_____	 _____
0890	604.30 SPECIAL CATCH BASIN 60 INCH	3.625 EA	_____	 _____	_____	 _____
0900	605.09 6 INCH UNDERDRAIN TYPE B	2,830.000 LF	_____	 _____	_____	 _____
0910	605.10 6 INCH UNDERDRAIN OUTLET	20.000 LF	_____	 _____	_____	 _____
0920	605.11 12 INCH UNDERDRAIN TYPE C	920.000 LF	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0930	605.12 15 INCH UNDERDRAIN TYPE C	70.000 LF	_____	_____	_____	_____
0940	605.15 24 INCH UNDERDRAIN TYPE C	170.000 LF	_____	_____	_____	_____
0950	606.1301 31" W-BM GR, MID-WAY SPLICE-SGL FACED	3,700.000 LF	_____	_____	_____	_____
0960	606.1302 31" W-BM GR, MID-WAY SPLICE-DBL FACED	1,400.000 LF	_____	_____	_____	_____
0970	606.1305 31" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	4.000 EA	_____	_____	_____	_____
0980	606.1307 BRIDGE TRANSITION (ASYMMETRICAL) - TYPE 1A	6.000 EA	_____	_____	_____	_____
0990	606.259 ANCHORAGE ASSEMBLY	3.000 EA	_____	_____	_____	_____
1000	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	11.000 EA	_____	_____	_____	_____
1010	606.356 UNDERDRAIN DELINEATOR POST	7.000 EA	_____	_____	_____	_____
1020	606.901 CABLE BARRIER, HIGH TENSION, TL-3	1,150.000 LF	_____	_____	_____	_____
1030	606.91 CABLE BARRIER TERMINAL, HIGH TENSION, TL-3	1.000 EA	_____	_____	_____	_____

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			Dollars	Cents	Dollars	Cents
1040	606.95 LOW MAINTENANCE/ SELF RESTORING CRASH CUSHION	2.000 EA	_____	 _____	_____	 _____
1050	607.243 REMOVE CHAIN LINK FENCE	72.000 LF	_____	 _____	_____	 _____
1060	607.25 REMOVE AND RESET CHAIN LINK FENCE	230.000 LF	_____	 _____	_____	 _____
1070	608.07 PLAIN CONCRETE SIDEWALK	330.000 SY	_____	 _____	_____	 _____
1080	608.26 CURB RAMP DETECTABLE WARNING FIELD	450.000 SF	_____	 _____	_____	 _____
1090	609.11 VERTICAL CURB TYPE 1	2,380.000 LF	_____	 _____	_____	 _____
1100	609.12 VERTICAL CURB TYPE 1 - CIRCULAR	97.000 LF	_____	 _____	_____	 _____
1110	609.221 TERMINAL CURB TYPE 1	51.000 LF	_____	 _____	_____	 _____
1120	609.222 TERMINAL CURB TYPE 1 - CIRCULAR	28.000 LF	_____	 _____	_____	 _____
1130	609.26 CURB TRANSITION SECTION B TYPE 1	7.000 EA	_____	 _____	_____	 _____
1140	609.31 CURB TYPE 3	860.000 LF	_____	 _____	_____	 _____
1150	609.34 CURB TYPE 5	2,110.000 LF	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
1160	609.35 CURB TYPE 5 - CIRCULAR	157.000 LF	_____	 _____	_____	 _____
1170	609.40 RESET CURB TYPE 5	550.000 LF	_____	 _____	_____	 _____
1180	609.441 CURBING REMOVED AND STACKED	910.000 LF	_____	 _____	_____	 _____
1190	610.08 PLAIN RIPRAP	318.000 CY	_____	 _____	_____	 _____
1200	610.18 STONE DITCH PROTECTION	105.000 CY	_____	 _____	_____	 _____
1210	613.319 EROSION CONTROL BLANKET	11,970.000 SY	_____	 _____	_____	 _____
1220	615.07 LOAM	2,440.000 CY	_____	 _____	_____	 _____
1230	615.27 UNDERDRAIN SOIL FILTER	LUMP SUM		 LUMP SUM	_____	 _____
1240	618.13 SEEDING METHOD NUMBER 1	24.000 UN	_____	 _____	_____	 _____
1250	618.14 SEEDING METHOD NUMBER 2	371.000 UN	_____	 _____	_____	 _____
1260	618.148 SPECIAL SEEDING, WETLAND SEED MIX - MOIST	4.000 UN	_____	 _____	_____	 _____
1270	619.12 MULCH	395.000 UN	_____	 _____	_____	 _____
1280	619.14 EROSION CONTROL MIX	4,550.000 CY	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
1290	620.58 EROSION CONTROL GEOTEXTILE	1,190.000 SY	_____	 _____	_____	 _____
1300	626.22 NON-METALLIC CONDUIT	50.000 LF	_____	 _____	_____	 _____
1310	626.251 NON-METALLIC UNDER PAVEMENT CONDUIT (SCHEDULE 80 OR GREATER RATING)	160.000 LF	_____	 _____	_____	 _____
1320	626.36 REMOVE OR MODIFY CONCRETE FOUNDATION	1.000 EA	_____	 _____	_____	 _____
1330	626.421 24 INCH DIAMETER FOUNDATION	11.000 LF	_____	 _____	_____	 _____
1340	627.18 12 " SOLID WHITE PAVEMENT MARKING	1,150.000 LF	_____	 _____	_____	 _____
1350	627.51 6" TEMPORARY PAVEMENT TAPE, YELLOW OR WHITE	49,600.000 LF	_____	 _____	_____	 _____
1360	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	7,450.000 LF	_____	 _____	_____	 _____
1370	627.744 6" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	23,900.000 LF	_____	 _____	_____	 _____
1380	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	3,435.000 SF	_____	 _____	_____	 _____
1390	627.77 REMOVING PAVEMENT MARKINGS	9,600.000 SF	_____	 _____	_____	 _____

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Project(s): 023106.01, 023825.00

SECTION: 1

Yarmouth, I295 NB BR 5833 Repl, I295 SB BR 1509 Repl,
Multi Use Path

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1400	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	2,000.000 LF	_____	_____	_____	_____
1410	627.781 TEMPORARY 6 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	43,600.000 LF	_____	_____	_____	_____
1420	629.05 HAND LABOR, STRAIGHT TIME	140.000 HR	_____	_____	_____	_____
1430	631.10 AIR COMPRESSOR (INCLUDING OPERATOR)	80.000 HR	_____	_____	_____	_____
1440	631.11 AIR TOOL (INCLUDING OPERATOR)	80.000 HR	_____	_____	_____	_____
1450	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	140.000 HR	_____	_____	_____	_____
1460	631.14 GRADER (INCLUDING OPERATOR)	60.000 HR	_____	_____	_____	_____
1470	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	140.000 HR	_____	_____	_____	_____
1480	631.20 STUMP CHIPPER (INCLUDING OPERATOR)	80.000 HR	_____	_____	_____	_____
1490	631.22 FRONT END LOADER (INCLUDING OPERATOR)	80.000 HR	_____	_____	_____	_____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 023106.01

Project(s): 023106.01, 023825.00

SECTION: 1

Yarmouth, I295 NB BR 5833 Repl, I295 SB BR 1509 Repl,
Multi Use Path

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1500	631.32 CULVERT CLEANER (INCLUDING OPERATOR)	80.000 HR	_____	_____	_____	_____
1510	634.160 HIGHWAY LIGHTING	LUMP SUM	LUMP SUM		_____	_____
1520	634.208 REMOVE AND RESET LIGHT STANDARDS	1.000 EA	_____	_____	_____	_____
1530	639.18 FIELD OFFICE TYPE A	1.000 EA	_____	_____	_____	_____
1540	643.22 NON-INVASIVE DETECTION - ADVANCE: INT I295 EXIT 17 NB RAMPS AND RT1	LUMP SUM	LUMP SUM		_____	_____
1550	643.62 RECTANGULAR RAPID FLASHING BEACON	1.000 EA	_____	_____	_____	_____
1560	643.71 TRAFFIC SIGNAL MODIFICATION	LUMP SUM	LUMP SUM		_____	_____
1570	643.92 PEDESTAL POLE	4.000 EA	_____	_____	_____	_____
1580	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	67.000 EA	_____	_____	_____	_____
1590	645.108 DEMOUNT POLE	32.000 EA	_____	_____	_____	_____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 023106.01

Project(s): 023106.01, 023825.00

SECTION: 1

Yarmouth, I295 NB BR 5833 Repl, I295 SB BR 1509 Repl,
Multi Use Path

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1600	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	60.000 EA	_____	 _____	_____	 _____
1610	645.118 REINSTALL POLE	27.000 EA	_____	 _____	_____	 _____
1620	645.271 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS, TYPE I	45.000 SF	_____	 _____	_____	 _____
1630	645.292 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	84.000 SF	_____	 _____	_____	 _____
1640	645.512 LED BLANK-OUT SIGN, OVERHEAD MOUNT	1.000 EA	_____	 _____	_____	 _____
1650	652.30 FLASHING ARROW BOARD	4.000 EA	_____	 _____	_____	 _____
1660	652.312 TYPE III BARRICADE	24.000 EA	_____	 _____	_____	 _____
1670	652.33 DRUM	410.000 EA	_____	 _____	_____	 _____
1680	652.34 CONE	210.000 EA	_____	 _____	_____	 _____
1690	652.35 CONSTRUCTION SIGNS	1,820.000 SF	_____	 _____	_____	 _____
1700	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	_____	 LUMP SUM	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 023106.01

Project(s): 023106.01, 023825.00

SECTION: 1

Yarmouth, I295 NB BR 5833 Repl, I295 SB BR 1509 Repl,
Multi Use Path

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1710	652.38 FLAGGER	4,200.000 HR	_____	_____	_____	_____
1720	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	5.000 EA	_____	_____	_____	_____
1730	654.351 CONNECTED ROADSIDE UNIT (RSU)	1.000 EA	_____	_____	_____	_____
1740	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM		_____	_____
1750	659.10 MOBILIZATION	LUMP SUM	LUMP SUM		_____	_____
1760	803.01 TEST PITS	7.000 EA	_____	_____	_____	_____
1770	812.162 ADJUSTING SEWER MANHOLE TO GRADE	2.000 EA	_____	_____	_____	_____
1780	823.332 GATE VALVE BOX, ADJUST TO GRADE	4.000 EA	_____	_____	_____	_____
1790	823.344 ADJUST BLOW OFF SHUTOFF VALVE TO GRADE	1.000 EA	_____	_____	_____	_____
Section: 1			Total:		_____	_____
			Total Bid:		_____	_____

SPECIAL PROVISIONS
SECTION 104
Utilities

UTILITY COORDINATION

The Contractor has primary responsibility for coordinating their work with utilities after contract award. The Contractor shall communicate directly with the utilities regarding any utility work necessary to maintain the Contractor’s schedule and prevent project construction delays. The Contractor shall notify the Resident of any issues.

THE CONTRACTOR SHALL PLAN AND CONDUCT WORK ACCORDINGLY.

The Contractor shall notify all utilities a **minimum of 30 days** prior to commencement of **any** work on the project.

MEETING

A Preconstruction Utility Conference, as defined in Subsection 104.4.6 of the Standard Specifications **IS** required.

GENERAL INFORMATION

These Special Provisions outline the arrangements that have been made by the Department for utility work to be undertaken in conjunction with this project. The following list identifies all known utilities having facilities presently located within the limits of this project or intending to install facilities during project construction.

Utilities have been notified and will be furnished a project specification.

Overview of Utility Involvement:

Utility	Aerial	Underground
Central Maine Power <i>Sean Greenwood (207) 242-0558</i>	X	X
Consolidated Communications <i>Marty Pease (207)535-4208</i>	X	X
Charter Communications <i>Jake Heffernan (207)318-0213</i>	X	X
Firstlight <i>Mike Ellingwood (207)462-2759</i>	X	X
Otelco <i>Jim Knight (207)590-5111</i>	X	X
Summit Natural Gas <i>Bryan Haberman (207)331-6574</i>		X
Yarmouth Water District <i>Eric Gagnon (207)846-5821</i>		X
Town of Yarmouth – Engineer <i>Steven Johnson (207)754-2395</i>		X

Temporary utility adjustments **are not** anticipated. If any unexpected utility relocations become necessary, they shall be scheduled in accordance with Section 104 of the Standard Specifications and shall be performed by the appropriate utility company in conjunction with the work by the Contractor. Should the Contractor choose to have any poles temporarily relocated, all work shall be done at the Contractor’s request and expense, with no additional cost or schedule impacts to the Department.

Unless otherwise specified, any underground utility facilities shown on the project plans represent approximate locations gathered from available information. The Department cannot certify the level of accuracy of this data. Underground facilities indicated on the topographic sheets (plan views) have been

collected from historical records and/or on-site designations provided by the respective utility companies. Underground facilities indicated on the cross-sections have been carried over from the plan view data and may also include further approximations of the elevations (depths) based upon straight-line interpolation from the nearest manholes, gate valves, or test pits.

All adjustments are to be made by the respective utility unless otherwise specified herein.

Fire hydrants shall not be disturbed until all necessary work has been accomplished to provide proper fire protection.

All clearing and tree removal in areas where utilities are involved must be completed before the utilities are able to relocate their facilities.

It is the responsibility of the Contractor with the Utility Pole owner, to layout all of the proposed pole locations in the field prior to the start of utility relocations. Should any adjustments be needed, the Utility will document adjustments and inform the Department prior to utility relocations.

**** Specific information regarding the line voltage can be requested from Central Maine Power Company. ****

Utility working days are Monday through Friday. Times are estimated on the basis of a single crew for each utility. Any times and dates mentioned are **estimates only** and are dependent upon favorable weather, working conditions, and freedom from emergencies. The Contractor shall have no claim against the Department if they are exceeded.

AERIAL

The bidding contractors are encouraged to review the pole and power line locations for crane clearances prior to bid.

The list below is for poles that were located within the project limits during submittal of this Special Provision 104. The poles may or may not still be located within the limits depending on the proposed utility duct bank.

Pole List:

Existing Pole #	Existing Station	Left/Right		Existing Offset	Proposed Station	Left/Right		Proposed Offset	Comments
		LT	RT			LT	RT		
22	44+69		X	103.52'					Remain
23	46+68		X	80.23'					Remove
					46+93		X	106.44	New Riser Pole
24	48+67		X	70.69'					Remove
25	50+60		X	64.48'					Remove
26	53+99		X	54.50'					Remove
					55+60		X	50.00'	New Riser Pole
#2-32	55+70		X	40.12'					Remove
					55+70		X	50.00'	New Pole
	57+08		X	55.25					Remains

SUBSURFACE

Utility Duct Bank:

**** A utility duct bank will be independently constructed within the project limits prior to construction of this bridge project. In the event of delays due to emergency situations, Central Maine Power may need some additional time to complete their work after the Contract is awarded. If the work is not completed by Contract award, Central Maine Power will require 30 days to complete their work. The Contractor shall contact Central Maine Power before any work begins to establish if the utility relocation has been completed to avoid any conflicts ****

The utility duct bank will run from the west side of the bridge at approximate Sta. 46+90, Rt. 21.33' using directional bore to the east side at approximate station 55+72, Rt. 53.33'. The duct bank includes splice boxes on each side of the new bridge that will be owned by Central Maine Power. Communications will be in a single duct bank outside of the splice boxes and electrical (Central Maine Power) will be in a separate duct bank upon exiting the splice boxes. The electrical and communications duct banks will join into a single unit once beyond each splice box. This duct bank will be installed prior to the construction of the bridges.

Utility Specific Issues:

Yarmouth Water District

The **Yarmouth Water District** has utilities within the project limits including a water main, gates and valves. The Contractor shall coordinate with The **Yarmouth Water District** during construction to avoid any conflicts.

The **Yarmouth Water District** has entered into an Agreement with the Maine Department of Transportation to include adjusting the water gate valves to grade. The Contractor shall perform the work as part of the contract and shall include adjusting the water gate valves in the schedule for construction. The work shall be completed in accordance with the Plans and Special Provisions for the Water District included in the Contract Documents and shall be completed in a manner that the system remains fully functional at all times unless otherwise approved by the Yarmouth Water District.

Summit Natural Gas

Summit Natural Gas has a two-inch plastic pipe that is 36-inches deep and runs from Sta. 43+00, Lt. 51.67' to Sta. 52+32, Lt. 16', where it crosses under Route 1 to the south side of the project. The line is again within the project limits at Sta. 58+26, Rt. 68.67' and continues to the end of the project limits. The line is flexible and can be relocated if necessary. The pipes **may not** have caution tape or a layer of sand above the pipe. In areas of potential conflict with the proposed project, the Contractor shall work with **Summit Natural Gas** and dig test pits to determine the extent of the conflict. **Summit Natural Gas** will require **2 weeks notification** prior to digging test pits.

Care shall be taken while trying to expose the gas mains/service lines. Hand digging will be required within 18" of the gas line.

Town of Yarmouth (Sewer)

The **Town of Yarmouth** has a four-inch schedule 40 PVC sewer force main that is described as “significant” within the limits of the project. It is located approximately 4 feet below the surface. The Contractor shall coordinate with the **Town of Yarmouth** during construction to avoid any conflicts.

The **Town of Yarmouth** has entered into an Agreement with the Maine Department of Transportation to include adjusting the sewer manholes and catch basins to grade. The Contractor shall perform the work as part of the Contract and shall include adjusting the manholes and catch basins in the schedule for construction. The work shall be completed in accordance with the Plans and Special Provisions for the sewer district included in the Contract Documents and shall be completed in a manner that the system remains fully functional at all times unless otherwise approved by the Town of Yarmouth.

MAINTAINING UTILITY LOCATION MARKINGS

The Contractor will be responsible for maintaining the buried utility location markings following the initial locating by the appropriate utility or their designated representative.

UTILITY SIGNING

Any utility working within the construction limits of this project shall ensure that the traveling public is adequately protected at all times. All work areas shall be signed, lighted, and traffic flaggers employed as determined by field conditions. All traffic controls shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices for Streets and Highways, as issued by the Federal Highway Administration.

DIG SAFE

The Contractor shall be responsible for determining the presence of underground utility facilities prior to commencing any excavation work and shall notify utilities of proposed excavation in accordance with M.R.S.A Title 23 3360-A, Maine “Dig Safe” System. The Contractor is also reminded that all utilities on the project may not be members of Dig Safe.

SAFE PRACTICES AROUND UTILITY FACILITIES

The Contractor shall be responsible for complying with M.R.S.A Title 35-A, Chapter 7-A Sections 751-761, Overhead High-Voltage Line Safety Act. Prior to commencing any work that may come within ten (10) feet of any aerial electrical lines the Contractor shall notify the aerial utilities as per section 757 of the above act.

Filename: 002-Estimate Quantities.dgn

Date: 10/14/2021

Username: M. Kerabergen

Division: CUMBERLAND

ITEM NO.	DESCRIPTION	QUANTITY			UNIT
		WIN 023110.00 SB BRIDGE	WIN 023106.00 NB BRIDGE	TOTAL	
201.23	Removing Single Tree top Only	2	0	2	EA
201.24	Removing Stump	2	0	2	EA
202.13	Removing Existing Railings Retained by Department	690	690	1380	LF
202.15	Removing Existing Manhole or Catch Basin	6.5	7.5	14	EA
202.19	Removing Existing Bridge: Northbound	0	1	1	LS
202.19	Removing Existing Bridge: Southbound	1	0	1	LS
202.202	Removing Pavement Surface	8025	3075	11100	SY
202.205	Rumble Strips - Shoulder	5250	4950	10200	LF
202.207	Rumble Strips, Fill	5750	3450	9200	LF
203.20	Common Excavation	13850	11950	25800	CY
203.24	Common Borrow	28100	0	28100	CY
203.25	Granular Borrow	1700	980	2680	CY
206.082	Structural Earth Excavation - Major Structures, Plan Quantity	520	1700	2220	CY
304.10	Aggregate Subbase Course - Gravel	15575	11655	27230	CY
403.1021	Textured Asphalt Pavement w/Color Coating	105	105	210	SY
403.2081	Hot Mix Asphalt - 12.5 mm Nominal Maximum Size (Polymer Modified)	2320	1450	3770	T
403.209	Hot Mix Asphalt 9.5 mm (sidewalks, drives, islands & incidentals)	100	100	200	T
403.211	Hot Mix Asphalt, 9.5 mm Nominal Maximum Size (Shimming)	210	80	290	T
403.213	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size (Base and Intermediate Base course)	4160	3260	7420	T
403.2131	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size (Base and Intermediate Base course, Polymer Modified)	2250	1320	3570	T
409.15	Bituminous Tack Coat - Applied	2400	1430	3830	G
461.131	Temporary Pavement	900	640	1540	T
501.231	Dynamic Loading Test	6	6	12	EA
501.50	Steel H-beam Piles 89 lb/ft, delivered	710	4530	5240	EA
501.501	Steel H-beam Piles 89 lb/ft, in place	710	4530	5240	EA
501.54	Steel H-Beam Piles 117 Lbs/Ft, delivered	2470	0	2470	LF
501.541	Steel H-Beam Piles 117 Lbs/Ft, in place	2470	0	2470	LF
501.90	Pile Tips	93	96	189	EA
501.91	Pile Splines	32	32	64	EA
501.92	Pile Driving Equipment Mobilization	0.5	0.5	1	LS
502.219	Structural Concrete, Abutments and Retaining Walls (710 CY NB, 800 CY SB)	0.51	0.49	1	LS
502.239	Structural Concrete Piers (250 CY NB, 210 CY SB)	0.46	0.54	1	LS
502.26	Structural Concrete Road and Sidewalk Slab On Steel Bridges (400 CY NB, 350 CY SB)	0.47	0.53	1	LS
502.31	Structural Concrete Approach Slab (30 CY NB, 30 CY SB)	0.5	0.5	1	LS
502.3412	Structural Concrete, Raised Islands	2.5	2.5	5	CY
502.77	Fiber Reinforced Polymer Bridge Drain - Type G	2	2	4	EA
503.26	Stainless Steel Reinforcement, Fabricated and Delivered	24200	297800	539000	LB
503.27	Stainless Steel Reinforcement, Placing	24200	297800	539000	LB
504.702	Structural steel fabricated and delivered, welded (750000 LB NB, 660000 LB SB)	0.47	0.53	1	LS
504.71	Structural steel erection (750000 LB NB, 660000 LB SB)	0.47	0.53	1	LS
505.080	Shear Connectors (7700 EA NB, 5526 EA SB)	0.42	0.58	1	LS
506.9104	Thermal Spray Coating (Shop Applied)	0.47	0.53	1	LS
508.14	High Performance Waterproofing Membrane (1420 SY NB, 1220 SY SB)	0.46	0.54	1	LS
512.081	French Drains (230 LF NB, 250 LF SB)	0.52	0.48	1	LS
513.09	Slope Protection-Portland Cement Concrete	530	630	1160	SY
515.21	Protective Coating for Concrete Surfaces (750 SY NB, 550 SY SB)	0.44	0.56	1	LS
519.60	Expansion Device - Asphaltic Plug Joint	76	89	165	LF
521.23	Expansion Device - Finger Joint (96 FT NB, 83 FT SB)	1	1	2	EA
523.52	Bearing Installation	15	15	30	EA
523.5551	Pot or Disc Bearings, Fixed	3	3	6	EA
523.5552	Pot or Disc Bearings, Expansion	12	12	24	EA
524.301	Temporary Structural Support - Pier: Northbound	0	1	1	LS
524.301	Temporary Structural Support - Pier: Southbound	1	0	1	LS
524.40	Protective Shield: Northbound (1470 SY)	0	1	1	LS
524.40	Protective Shield: Southbound (1480 SY)	1	0	1	LS
526.301	Portable Concrete Barrier, Type I (3900 LF NB, 6200 LF SB, 810 LF Route I)	0.60	0.40	1	LS
526.312	Permanent Concrete Barrier Type II (20 LF)	0.5	0.5	1	LS
526.331	Permanent Concrete Barrier Type III B (760 LF NB, 680 LF SB)	0.47	0.53	1	LS
526.3402	Permanent Concrete Transition Barrier - Modified (38 LF NB, 17.5 LF SB)	0.33	0.67	1	LS
526.503	Precast Concrete Pier Protection Barrier System (60 LF SB)	1	0	1	LS
527.33	Crash Attenuator Truck	1	1	2	EA
527.34	Work Zone Crash Cushions	5	3	8	UN
603.1515	Slotted Drain	220	220	440	LF
603.155	12 inch RCP Class III	0	90	90	LF
603.159	12 inch Culvert Pipe Option III	217	202	419	LF
603.165	15 inch RCP Class III	4	68	72	LF
603.169	15 inch Culvert Pipe Option III	41	41	82	LF
603.175	18 inch RCP Class III	61	109	170	LF
603.179	18 inch Culvert Pipe Option III	87	12	99	LF
603.195	24 inch RCP Class III	80	44	124	LF
603.209	30 inch Culvert Pipe Option III	8	0	8	LF
604.072	Catch Basin Type A1-C	3.8125	3.8125	7.63	EA
604.09	Catch Basin Type B1	3	3	6	EA
604.092	Catch Basin Type B1-C	1.5625	2.9375	4.5	EA
604.096	60" Catch Basin Type B1-C	0	3.875	3.875	EA
604.161	Altering Catch Basin	0.5	0.5	1	EA
604.18	Adjusting Manhole or Catch Basin to Grade	4.5	3.5	8	EA
604.243	Catch Basin Type F3-C	2	2	4	EA
604.245	Catch Basin Type F4-C	0	1	1	EA
604.246	Catch Basin Type F5	1	1	2	EA
604.247	Catch Basin Type F5-C	0.5	0.5	1	EA
604.249	Catch Basin Type F6-C	0.5	0.5	1	EA
604.30	Special Catch Basin, 60 Inch	3.625	0	3.625	EA
604.30	Special Catch Basin, 48 Inch	2.25	0	2.25	EA
605.09	6 inch Underdrain Type B	1055	1555	2610	LF
605.10	6 inch Underdrain Outlet	20	0	20	LF
605.11	12 inch Underdrain Type C	645	275	920	LF
605.12	15 inch Underdrain Type C	35	35	70	LF

ITEM NO.	DESCRIPTION	QUANTITY			UNIT
		WIN 023110.00 SB BRIDGE	WIN 023106.00 NB BRIDGE	TOTAL	
606.1301	3" W-Beam Guardrail - Mid-Way Splice - Single Faced	2200	1500	3700	LF
606.1302	3" W-Beam Guardrail - Mid-Way Splice - Double Faced	1200	200	1400	LF
606.1305	3" W-Beam Guardrail - Mid-Way Splice Flared Terminal	3	1	4	EA
606.1307	Bridge Transition (Asymmetrical) - Type 1A	3	3	6	EA
606.259	Anchorage Assembly	2	1	3	EA
606.353	Reflectorized Flexible Guardrail Marker	8	3	11	EA
606.356	Underdrain Delineator Post	3	2	5	EA
606.901	Cable Barrier, High Tension, TL-3	1150	0	1150	LF
606.91	Cable Barrier Terminal, High Tension	1	0	1	EA
606.95	Low Maintenance/Self Restoring Crash Cushion	1	1	2	EA
607.243	Removing Chain Link Fence	10	47	57	LF
607.25	Removing and Reset Chain Link Fence	230	0	230	LF
609.11	Vertical Curb Type 1	960	960	1920	LF
609.12	Vertical Curb Type 1 - Circular	26	26	52	LF
609.221	Terminal Curb Type 1	14	14	28	LF
609.222	Terminal Curb Type 1 - Circular	8	8	16	LF
609.31	Curb Type 3	190	670	860	LF
609.34	Curb Type 5	965	965	1930	LF
609.35	Curb Type 5 - Circular	23.5	23.5	47	LF
609.40	Reset Curb Type 5	275	275	550	LF
610.08	Plain Riprap	92	210	302	CY
610.18	Stone Ditch Protection	83	22	105	CY
613.319	Erosion Control Blanket	6000	5300	11300	SY
615.07	Loam	1425	845	2270	CY
615.27	Underdrained Soil Filter	0	1	1	LS
618.13	Seeding Method Number 1	12	12	24	UN
618.14	Seeding Method Number 2	220	124	344	UN
618.148	Special Seeding, Wetland Seed Mix-Moist	0	4	4	UN
619.12	Mulch	232	136	368	UN
619.14	Erosion Control Mix	2850	1700	4550	CY
620.58	Erosion Control Geotextile	500	430	930	SY
626.36	Remove or Modify Concrete Foundation	1	0	1	EA
626.421	24-inch Diameter Foundation	7	0	7	LF
627.18	12 inch Solid White Pavement Marking Line	470	680	1150	LF
627.51	6 inch Temporary Pavement Tape, Yellow or White	27900	21700	49600	LF
627.733	4" White or Yellow Painted Pavement Marking Line	3125	3125	6250	LF
627.744	6" White or Yellow Painted Pavement Marking Line	15400	8500	23900	LF
627.75	White or Yellow Pavement & Curb Marking	660	525	1185	SF
627.77	Removing Existing Pavement Marking	5175	3825	9000	SF
627.78	Temporary 4" Painted Pavement Marking Line, White or Yellow	1000	1000	2000	LF
627.781	Temporary 6" Painted Pavement Marking Line, White or Yellow	26000	17600	43600	LF
629.05	Hand Labor, Straight Time	60	60	120	HR
631.10	Air Compressor (including operator)	30	30	60	HR
631.11	Air Tool (including operator)	30	30	60	HR
631.12	All Purpose Excavator (including operator)	60	60	120	HR
631.14	Grader (including operator)	30	30	60	HR
631.172	Truck-large (including operator)	60	60	120	HR
631.20	Stump Chipper Rental (including operator)	30	30	60	HR
631.22	Front End Loader (including operator)	30	30	60	HR
631.32	Culvert Cleaner (including operator)	30	30	60	HR
634.160	Highway Lighting	1	0	1	LS
634.208	Removing and Reset Light Standards	1	0	1	EA
639.18	Field Office, Type A	0.625	0.375	1	EA
645.106	Demount Regulatory, Warning, Confirmation and Route Marker Assembly Sign	41.5	25.5	67	EA
645.108	Demount Pole	18.5	13.5	32	EA
645.116	Reinstall Regulatory, Warning, Confirmation, and Route Marker Assembly Sign	38.5	21.5	60	EA
645.118	Reinstall Pole	17	10	27	EA
645.271	Regulatory Warning Confirmation Route Sign, Type I	27.5	17.5	45	SF
652.30	Flashing Arrow	2	2	4	EA
652.312	Type III Barricades	12	12	24	EA
652.33	Drum	175	175	350	EA
652.34	Cone	75	75	150	EA
652.35	Construction Signs	1020	750	1770	SF
652.361	Maintenance of Traffic Control Devices	0.625	0.375	1	LS
652.38	Flaggers	1500	1500	3000	HR
652.41	Portable-Changeable Message Sign	2	2	4	EA
656.75	Temporary Soil Erosion and Water Pollution Control	0.625	0.375	1	LS
659.10	Mobilization	0.51	0.46	0.97	LS
803.01	Test Pits	1	1	2	EA
823.332	Gate Valve Box, Adjust to Grade	2	2	4	EA

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		023106.00 & 023110.00		WIN		5833 & 1509		023106.00 & 023110.00		BRIDGE PLANS	
I-295 OVER US ROUTE 1		EXIT 17 INTERCHANGE		CUMBERLAND		YARMOUTH		ESTIMATED QUANTITIES		SHEET NUMBER		2	
PROJ. MANAGER	M. Kerabergen	BY	D. Burton	DATE	8/21	SIGNATURE		P.E. NUMBER	10/2021	DATE			
DESIGN-DETAILED	C. Helmick	CHECKED-REVIEWED	K. Brown	DESIGNS-DETAILED		REVISIONS 1	Quantity	REVISIONS 2		REVISIONS 3		REVISIONS 4	
FIELD CHANGES													



Date: 10/4/2021

Username:

Filename: 002_Estimated Quantities_General Notes.dbb

ESTIMATED QUANTITIES

Table with columns: ITEM NO., DESCRIPTION, TOTAL QUANTITY, UNIT. Includes items like REMOVING SINGLE TREE TOP ONLY, COMMON EXCAVATION, HOT MIX ASPHALT, etc.

Summary table for TOWN OF YARMOUTH: 812.162 ADJUST SEWER MANHOLE TO GRADE, 2 EA

Summary table for YARMOUTH WATER DISTRICT: 823.344 ADJUST BLOW OFF SHUTOFF VALVE TO GRADE, 1 EA

PREEMPTION NOTES:

- 1. EMERGENCY VEHICLE PREEMPTION SIGNALS SHALL BE TRANSMITTED BY OPTICAL EMMITTERS...
2. IN RESPONSE TO A PREEMPTION SIGNAL RECEIVED AT AN INTERSECTION BY AN OPTICAL DETECTOR AND/OR RSU, THE CONTROLLER SHALL HOLD OR ADVANCE TO AND HOLD THE EMERGENCY ACTIVE PHASE GREEN...

GENERAL CONSTRUCTION NOTES

- 1. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE...
2. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS...
3. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3 INCHES OF HOT MIX ASPHALT...

SIGNAL NOTES

- 1. TRAFFIC WORK SHALL BE COMPLETED IN A MANNER AND ORDER THAT WILL CAUSE THE MINIMUM DISRUPTION TO TRAFFIC.
2. ALL MATERIALS SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL PREPARE THEIR OWN MATERIAL SCHEDULES...

- 3. THE CONTRACTOR SHALL FURNISH AND INSTALL THE TRAFFIC SIGNAL CONTROLLERS, CABINETS, AND OTHER VARIOUS EQUIPMENT ITEMS SHOWN ON THE PLANS...
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING THE PROJECT WITH WORKING AND FULLY CONFIGURED TRAFFIC SIGNAL CONTROLLERS...

- 5. THE SYSTEM SHALL SUPPORT COMMUNICATION TO ADVANCE TRANSPORTATION CONTROLLER, ASSOCIATED EQUIPMENT AND VEHICLE DETECTION AS SHOWN IN THE PLANS...
6. THE CONTRACTOR SHALL FURNISH AND INSTALL NON-INVASIVE STOP LINE AND ADVANCED VEHICLE DETECTION AS SHOWN IN THE PLANS...

- 7. THE CONTRACTOR SHALL RE-INSPECT THE SIGNALIZED INTERSECTION DURING THE ACCEPTANCE TESTING PERIOD AND CERTIFY DETECTORS ARE FUNCTIONING PROPERLY BEFORE FINAL ACCEPTANCE IS GRANTED.
8. MAINEDOT SHALL HAVE FIRST RIGHTS TO ALL EQUIPMENT REMOVED OR REPLACED BY THE PROJECT...

- 9. THE RESIDENT AND MAINEDOT SHALL HAVE THE RIGHT AND AUTHORITY TO DETERMINE THE ACCEPTABILITY OF WORK AND MATERIALS IN PROGRESS OR COMPLETED AND SHALL HAVE THE RIGHT TO REJECT ANY WORK OR MATERIALS WHICH DO NOT CONFORM...

THE NON-INVASIVE VEHICLE DETECTION ZONES SHOWN IN THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY. FINAL DETECTION ZONES SHALL BE LOCATED IN THE FIELD AND APPROVED BY MAINEDOT AND THE RESIDENT.

THE LOCATION OF DETECTION DEVICES SHOWN IN THE PLANS ARE CONCEPTUAL. THE ACTUAL NUMBER OF DETECTION DEVICES AND MOUNTING LOCATIONS SHALL BE PER MANUFACTURER RECOMMENDATION.

THE RESIDENT RESERVES THE RIGHT TO DIRECT THE CONTRACTOR TO ADJUST THE VIDEO DETECTOR MOUNTING HEIGHT FOR LOCAL CONDITIONS IDENTIFIED DURING OR AFTER INSTALLATION. NO ADDITIONAL COST WILL BE ALLOWED FOR FIELD ADJUSTING THE PIPE EXTENSIONS OR REWIRING AS NECESSARY...

NEW TRAFFIC SIGNAL CONTROL CABINET, MAST ARM POLE, OR PEDESTAL POLE FOUNDATIONS SHALL BE CONSTRUCTED IN LOCATIONS SHOWN ON THE PLANS, THE PROPOSED FOUNDATIONS AS SHOWN ARE TO BE WITHIN EXISTING RIGHT-OF-WAY OR PROPOSED EASEMENTS TO AVOID UNDERGROUND CONFLICTS...

ANY EQUIPMENT NOT CLAIMED BY EITHER MAINEDOT OR THE MUNICIPALITY FOR SALVAGE SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF IN A MANNER ACCEPTABLE TO THE RESIDENT.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION 02382500 WIN 023825.00 HIGHWAY PLANS

Table with columns: DATE, BY, B. KEEZER, D. BURTON, L. DRECELL, SIGNATURE, P.E. NUMBER, DATE

YARMOUTH U.S. ROUTE 1 ESTIMATED QUANTITIES/ GENERAL NOTES SHEET NUMBER 2 OF 37

